

Name	: DUMMY S002	Collected	: 17/1/2017 12:52:00PM
Lab No.	: 134315886	Received	: 17/1/2017 1:15:45PM
Age: 28 Years	Gender: Male	Reported	: 17/1/2017 2:52:08PM
A/c Status : P	Ref By : SELF	Report Status	: Final

Test Name	Results	Units	Bio. Ref. Interval
WEIL FELIX TEST, SERUM (Latex Agglutination)			
Proteus Antigen OX 19	Non - Reactive	Titre	
Proteus Antigen OX 2	Non - Reactive	Titre	
Proteus Antigen OX K	Non - Reactive	Titre	

Note

1. Titer of 1:160 is strongly suggestive of Rickettsial infection
2. High levels of antibodies may be seen in patients with previous residual infection

Comments

This is a useful assay for the diagnosis of Rickettsial diseases in which sera are tested for agglutinins to 'O' antigens of Proteus strains OX 19, 2 & K. Rickettsiae are fastidious bacterial organisms that are maintained in nature through a cycle involving reservoirs in mammals and insect vectors. The antibody appears rapidly during the course of the disease, reaches a high titer by the second week & declines rapidly during convalescence. A four fold rise in titer is diagnostic of Rickettsial infection.

TYPE OF RICKETTSIA	OX 19	OX 2	OX K
Typhus group Rickettsia	+	-	-
Scrub Typhus group Rickettsia	-	-	+
Spotted fever group Rickettsia	+	+	-

Shalabh Malik

Dr. Shalabh Malik
 MD (Microbiology)
 HOD Micro & Clinical Path

-----End of report -----

